SEPTA FORWARD >>>

Trolley Modernization

STATION DESIGN

Station Design and Development

Trolley Modernization is a once in a generation opportunity to transform the nation's largest trolley network. Today's vehicles have served communities well since the 1980s, but need to be replaced with modern, accessible vehicles and stations. SEPTA is transforming trolleys to meet the needs of riders today and tomorrow–**that means accessible, faster, and easier to use service for everyone.**

Ensuring accessible service takes both new, low floor trolley vehicles and new fully Americans with Disabilities Act (ADA) compliant stations. That's why we're designing stations with fully accessible platforms, shelters, and modern amenities.

New and rebuilt stations work with new trolleys, with easy, stairless boarding and customer-activated ramps. Stations also connect seamlessly to the surrounding sidewalk network for easy connections to home, work, school, and shopping.

At new on-street stations, riders enjoy safe waiting areas separate from sidewalks, bicycle lanes, and cars. Stations on all eight trolley lines include amenities like benches, shelters, and real time arrival information.

SEPTA's trolley station designs fit real-world conditions in Philadelphia and Delaware County. SEPTA worked closely with external partners to ensure that stations meet federal regulations, and state and local design standards.

Over 8,000 people were engaged through in-person events, virtual meetings, and on-line surveys to inform this transformational change. The public helped SEPTA identify four design themes that guide station designs: **Safe, Green, Community Character, and Easy to Maintain.**

02 Next Trolley
01 Next Trolley
02 Next Trolley
May 25
Drexel Park
Drexel Park
01 02 Southbound
Policies & Information
1-888-373-7888

Station Features

No matter what line or neighborhood a trolley station is located in, each will have the same amenities and look, for a customer experience that's the same no matter where riders get on and off. Station design and construction consistency ensures equity and accessibility across the system.

2 ACCESSIBILITY

Platforms help riders with mobility challenges board trolleys using rider-activated ramps. Platforms connect to sidewalks and crosswalks. Detectable warning surfaces provide tactile and visual cues.

3 AUDIO/VISUAL INFORMATION

Real time information and visual and audible service announcements guide riders to their destination.

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SHELTERS

Shelters provide seating, weather protection, and space spread out across the platform. Materials are sustainable, durable, and easy to maintain. Existing stone shelters are restored and historic tunnel station headhouses are integrated into new station designs. Shelters have customizable panels for art and community highlights.

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LIGHTING

High efficiency lighting on platforms, shelters, and tunnel station headhouses provides a safe, visible environment.

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WAYFINDING

Stations include system and line maps and clear station signage. The shelter color reflects the SEPTA Metro wayfinding system.

Stations in Communities

New trolley stations are designed to fit into Philadelphia and Delaware County's existing streets and trolley corridors. Each station applies standard dimensions to ensure accessibility, customer amenities, and safety are consistent, while being tailored to the unique circumstances of its place.

The size and shape of trolley platforms are informed by track location, roadway design, SEPTA standards, and Federal, State, and local regulations on accessibility, crash protection, and platform placement.

The standard platform length serves all trolley doors and include ramps to sidewalks and crosswalks. Standard platform width ensures accessible paths and boarding areas, as well as customer amenities.

1. **INTERSECTIONS**
   Trolley stations also include new safety protections for passengers, pedestrians, bicyclists, and drivers at intersections. By extending the curb to meet the trolley, stations provide safer crossings for pedestrians and bicyclists, and encourage safer vehicle turns.

2. **BICYCLE LANE**
   Where bicycle lanes share the road with trolleys, new stations route the bicycle lane behind the platform. This provides a safe lane for bicyclists, and reduces conflicts between all roadway users.

3. **STATION PLATFORM**
   Platforms meet the trolley at all doors, so that passengers can easily step or wheel on board.

4. **CRASH PROTECTION**
   Each station type protects riders from vehicles based on where the platform sits in relation to traffic. Curbside stations typically include bollards, while stations between two travel lanes typically include more substantial crash protection such as barriers and crash attenuators.

5. **SIDEWALK CONNECTIONS**
   Platforms include ramps and safe crossings to connect trolley riders to the surrounding sidewalk network.

6. **LANE TRANSITION**
   Station platforms typically occupy part of an existing parking lane. This allows traffic to continue flowing while providing a safe, accessible boarding location for passengers.

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54th-Woodland

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Visit planning.septa.org to learn more, sign up for updates, and find opportunities to get involved.